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SURVEYS AND MAPS

OF THE

DISTRICT OF COLUMBIA

MARION BAKER



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DISTRICT OF COLUMBIA.

The figures on the map show the population of the individual wards, the boundary and their distances apart in 1890. The scale equals 1,000 feet.

A = Capitol dome, south of the White House and west of the early end of the old Capitol. The dome, and marked landmarks, about 6 feet high, as in 1890, were gone and also marked.

B = Jefferson Place, south of edge of White House and west of corner of Capitol. A "breastwork" was in 1890. Its last 400 yards north of the Capitol dome, and to be used as a building site at the Belmont school. The area marked by a granite post block with end in the Belmont lot.

C = Corner of the original District of Columbia. It is now the corner of Georgetown and Columbia, having 1,000 feet square and 1,000 feet high of the Washington monument.

D = Site of intersection of "diagonal" and northern edge of north 1st street. In 1890. Whether still in place is not known.

E = "The old site" - "A landmark marked," as in 1890. The old site was in Georgetown in the United States. The site was and also marked. It was said to be in a narrow strip of land between the old site and the old site, and to be a building site at the Belmont school.

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SURVEYS AND MAPS OF THE DISTRICT OF COLUMBIA

BY

MARCUS BAKER

(Presented before the Society March 23, 1904.)

On the 15th of April, 1791, there was laid, with solemn and elaborate Masonic ceremonial, the corner stone of the District of Columbia. This stone, still standing, though hidden from view, forms a part of the foundation wall of the lighthouse at Jones point, near Alexandria, Virginia. It is under the gateway in front of the south door of the lighthouse. The long and tedious discussion which led to the selection of a district not to exceed ten miles square, on the banks of the Potomac, between its Eastern branch and the Conococheague, does not belong to the present theme. It suffices to say that selection had been made by act of Congress July 16, 1790. Under this authority President Washington directed a preliminary or provisional survey of the area to be taken for the Federal Government. This preliminary survey he directed should begin at a point on Hunting creek determined

by running a line from Alexandria courthouse southward half a mile and thence southeastward to the northern shore of Hunting creek. From the point so found a tract substantially like the District of Columbia as it existed prior to the retrocession of Alexandria county to Virginia, in 1845, was selected; but this tract included a portion of Maryland lying south of the Eastern branch of the Potomac, or Anacostia river, and could not be taken under the terms of the act, which provided that the Federal territory should be wholly south of the Eastern branch. This being reported to Congress, an amended act was promptly passed authorizing the boundaries of the District as originally laid out. Washington then gave directions for running the definitive boundary lines. As is well known, Washington was a surveyor, and therefore well qualified to draw up instructions to surveyors. It is interesting to quote his language:

Now, therefore, for the purpose of amending and completing the location of the whole of said territory of ten miles square, in conformity with the said amendatory act of Congress, I do hereby declare and make known that the whole of said territory shall be located and included within the four lines following, that is to say:

Beginning at Jones point, being the upper end of Hunting creek, in Virginia, and at an angle in the outset of forty-five degrees west of the north, and running in a direct line ten miles, for the first line; then beginning again at the same Jones point and running another direct line, at a right angle with the first, across the Potomac ten miles, for a second line; thence from the termination of said first and second lines, running two other lines of ten miles each, the one crossing the Eastern branch aforesaid and the other the Potomac, and meeting each other in a point.

To take charge of the newly created territory, supervise its survey, and attend to the business growing out of its condemnation for public use, Washington appointed, January 22, 1791, three commissioners, Thomas Johnson, Daniel Carroll, then a member of Congress from Maryland, and Dr David Stuart.

Two months later, March 28, 1791, Washington arrived in Georgetown from Philadelphia, and the next day made a tour of inspection of the District in company with the three commissioners and two surveyors, Andrew Ellicott and Major Peter Charles I. Boudant. The commissioners held their first meeting on the 12th of April following, in Georgetown, and three days

later, namely, the 15th of April, 1791, as already mentioned, the corner stone at Jones point was laid with solemn masonic ceremonial, in the presence of a large gathering of citizens, chiefly from Alexandria. The survey then proceeded, and in September following the commissioners decided upon the name which was to be given to this new Federal territory and the city to be created within it. They ordered that the title of the map prepared by Major Elliott should be "A map of the city of Washington, in the Territory of Columbia." Before this time the future city was referred to as the Federal city.

How the boundaries of the District were run I do not know, but suppose that it was done with transit and chain. As the country was timbered, and as the boundary crossed the Potomac twice and the Eastern branch once, it will be seen that the task was not a perfectly simple one. It appears that the work of measuring and staking out the outline of the District was completed in 1791; that during the following year the line was cleared of timber to the width of 20 feet on each side; and that in this 40-foot lane through the woods stone caltrop-posts were erected. These posts are two feet high and one foot square. They are marked on the District side, "JURISDICTION of the UNITED STATES" followed by an inscription showing the distances from that corner of the District from which they are numbered, such as "Miles 5," "Miles 6 & 10 P.," etc; on the opposite side, "Maryland" (or "VIRGINIA"); on the third side, the year "1792" (except the Virginia stones, marked "1791"); and on the fourth side, the variation of the compass. The stones are numbered from 1 to 9 on each line, from south to west, west to north, etc.*

About ten years ago the Coast Survey executed a triangulation for the purpose of determining the geographic positions of

* Since the foregoing was written I have personally visited and inspected most of the boundary monuments of the original District of Columbia, set in 1791 and 1792. Though this inspection is still incomplete, it is deemed advisable to print here the following table, showing the condition of the monuments so far as inspected, and especially to print the variation of the compass recorded upon them. These variations are the earliest ones observed and recorded for the District of Columbia, and the only record of them known to me is upon these boundary monuments. These monuments were of Aquia creek sandstone and were squared out. Through abuse and exposure to the weather the inscriptions are becoming obscured, a few being already totally lost.

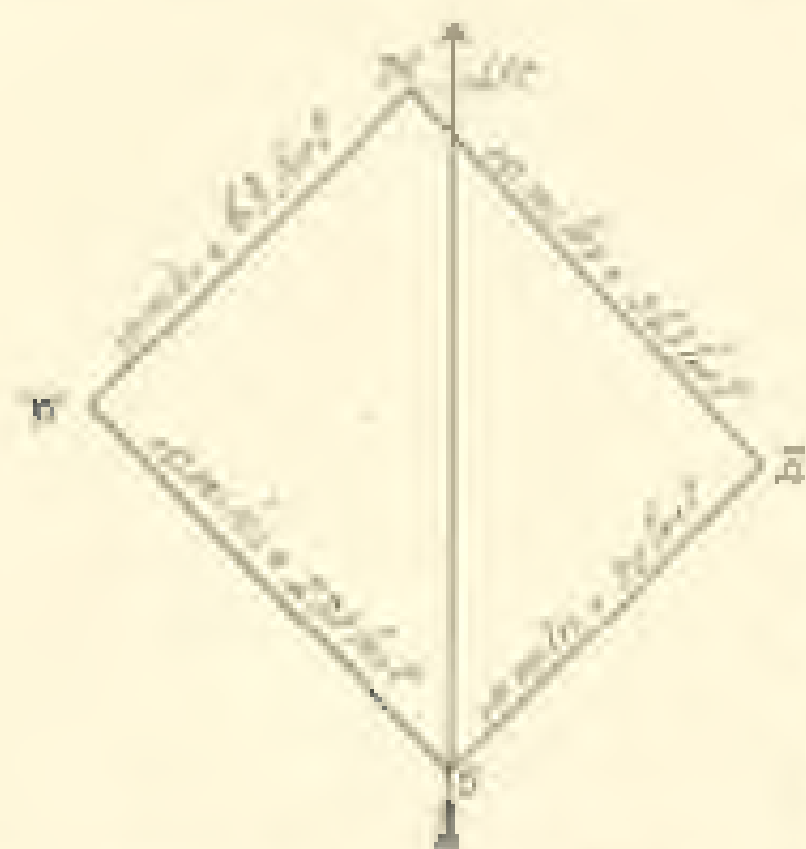


FIGURE 1.—*District of Columbia.*

north of the southern point, but bears $5^{\circ} 12' \frac{1}{2}$ west of north of it.

the corners of the original District, as well as some other points. The work was done by Mr C. H. Sinclair, of the United States Coast and Geodetic Survey. To his courtesy and that of the Coast Survey officer I am indebted for the following facts respecting the boundary line. The District is not an exact square or spherical quadrilateral. Its distortion, much exaggerated, is shown in figure 1. The

southern point is not exactly

BOUNDARY MONUMENTS OF THE DISTRICT OF COLUMBIA.

Erected in 1793-92. Condition in 1891.

Monu- ment.	Vari- ation.	Condition, etc.	Monu- ment.	Vari- ation.	Condition, etc.
B.	—	Irregular; built into L. H. wall.	N.	$1^{\circ} 25' E$	Pale condition; erect.
N. W. 1	$47^{\circ} 30' W$.	Good; good condition.	N. E. 1	$1^{\circ} 30' E$	Pale condition; leaning.
2	$5^{\circ} 12' E$	Good; good condition.	2	$1^{\circ} 10' E$	Pale condition; erect.
3	$5^{\circ} 12' E$	Very bad; condition agrees slightly.	3	$47^{\circ} 30' W$	Pale condition; erect.
4	—	—	4	$47^{\circ} 30' W$	Good condition; erect.
5	—	—	5	$47^{\circ} 30' W$	Good condition; erect.
6	—	—	6	$47^{\circ} 30' W$	Good condition; erect.
7	$47^{\circ} 30' E$	Leaning; had some time; upon field.	7	$1^{\circ} 30' E$	Good; erect; in stone.
8	—	—	8	$47^{\circ} 30' W$	Good; good condition.
9	—	—	9	$47^{\circ} 30' W$	Good condition; erect.
10	—	—	10	$47^{\circ} 30' W$	Good; good condition.
11	—	—	11	$47^{\circ} 30' W$	Good; good condition.
12	$47^{\circ} 30' E$	Good; had condition; in stone.	12	$47^{\circ} 30' W$	Good; good condition.
13	$47^{\circ} 30' E$	Good; had condition; in stone.	13	$47^{\circ} 30' W$	Good; good condition.
14	$47^{\circ} 30' E$	Good; had condition; in stone.	14	$47^{\circ} 30' W$	Good; good condition.
15	$47^{\circ} 30' E$	Good; had condition; in stone.	15	$47^{\circ} 30' W$	Good; good condition.
16	$47^{\circ} 30' E$	Good; had condition; in stone.	16	$47^{\circ} 30' W$	Good; good condition.
17	$47^{\circ} 30' E$	Good; had condition; in stone.	17	$47^{\circ} 30' W$	Good; good condition.
18	$47^{\circ} 30' E$	Good; had condition; in stone.	18	$47^{\circ} 30' W$	Good; good condition.
19	$47^{\circ} 30' E$	Good; had condition; in stone.	19	$47^{\circ} 30' W$	Good; good condition.
20	$47^{\circ} 30' E$	Good; had condition; in stone.	20	$47^{\circ} 30' W$	Good; good condition.

Variation in 1793, late 18th century of N. value. $1^{\circ} 25' E$
 Variation in 1891, late 19th century. $1^{\circ} 25' W$
 Change in 100 years. $2^{\circ} 50'$
 Change in 1 year. $0^{\circ} 2.5'$

It is therefore 116 feet west of the meridian through the northern corner. The lengths of the four sides, intended to be exactly ten miles long, are found to be in fact as follows:

Southwestern side	is 10 miles	plus 230.5 feet	long.
Northeastern	" " 10 "	" 923.1 "	"
Southeastern	" " 10 "	" 70.3 "	"
Northwestern	" " 10 "	" 63.0 "	"

Thus the District is approximately a rectangle, the northeastern and southwestern sides exceeding ten miles by about 245 feet, and the southeastern and northwestern sides each exceeding ten miles by about 65 feet. If a more critical examination be made, it will be found that the distances between the various mileposts differ quite sensibly from miles, and it will be found further that the stones are not in line. The actual lengths of these supposed miles may be seen on plate 9.

As to direction, consider line number 1, or the southwestern line. It is intended to bear 45° west of north. Its actual direction, as now appears from the Coast Survey determinations already referred to, is $44^{\circ} 38' 24''.5$ west of north, or about half a minute less than intended. The second, or southeastern line, which was to bear north 45° east, is found actually to bear north $45^{\circ} 1' 45''.6$ east, exceeding the intended value by $11'$.

Size of Washington before 1790. — How did the site of Washington and the District of Columbia look before 1790? No contemporary map, so far as I know, exists to answer this question. Still, scattered bits of information here and there, diligently and patiently collected by Dr J. M. Turner, have enabled a map to be made which in part answers the question. Twenty years ago Messrs P. P. M. Fachiz and F. W. Pratt, authors and publishers of a real estate directory of Washington, published a book entitled "Washington in Embryo," in which they include a map "compiled from the rare historical researches of Dr J. M. Turner." This map shows the drainage, farm outlines, etc., of the tract on which Ellicott laid out a great city in 1791. Within this tract existed one real and two paper towns. Georgetown was the real town, and had been in existence some 35 or 40 years, while Carrollburg and Hamburg existed on paper only.

Carrollburg was a tract of 160 acres on the northern bank of the Anacostia, just east of the Arsenal grounds. Before its subdivision into 268 town lots it was known as Duddington Manor

or Darlington pasture. The town laid out in the latter part of 1770, near the deepest water of the Eastern branch, was doubtless named after Daniel Carroll, an extensive land owner on Capitol hill. The subdivision was made under a deed of trust recorded at Marlborough, Maryland, November 2, 1770.

Hanborough &c or was the name of a town surveyed and laid off in town lots by its owner, Jacob Funk, whose plat is recorded at Marlborough, Maryland, October 28, 1771. The tract embraced 120 acres and was divided into 287 lots. The town was located with reference to deep water in the Potomac, and occupied in part the site of the old Naval Observatory. It was sometimes called Funkstown, after its owner.

The L'Enfant and Elliott Maps.—Proceeding and during the surveys already described, a French engineer, Major Peter Charles L'Enfant, was engaged under Washington's direction in planning the future capital. The map which he prepared may be called a paper map—that is, it was a project in which the city was laid out on paper. This, the first map of Washington, is now in the custody of the commissariat of public buildings and grounds, in the War Department. Having become much faded and worn with use, it was a few years since sent to the Coast Survey office, where it was very carefully traced and a photolithographic copy of it prepared.

After the approval of L'Enfant's plan, the next step was to lay out the streets, parks, reservations, etc. upon the ground. This work was entrusted to Major Andrew Elliott, and his map appears to have been first engraved in 1792. The manner in which the city was laid out is told in a note upon the map itself, which is as follows:

In order to execute this plan, Mr Elliott drew a true meridional line by actual observation, which passes through the area intended for the Capitol; this line he crossed by another line east and west, which passes through the entrance. These lines were carefully measured and made the base on which the whole plan was executed. He ran all the lines by a transit instrument and determined the acute angles by actual measurement, and left nothing to the uncertainty of the compass.

Near the intersection of North Capitol and H streets is, or till recently was, a monument, which I have not seen, said to be about fifteen feet high, on land owned by a Mr Beall. I have been unable to secure definite information as to the purpose of the monument or its use. It seems probable that it was a mon-

and then, by the first part of the proof, $\mathcal{A} \in \mathcal{C}_1$. \square

[illegible][illegible]

Lemma 10. Let A be a matrix in $\mathbb{R}^{n \times n}$. Then the eigenvalues of A are all real and A is symmetric. Moreover, if A is symmetric, then A is diagonalizable. In other words, if A is symmetric, then there exists a basis of \mathbb{R}^n consisting of eigenvectors of A .

Dear Sir, I beg to acknowledge the receipt of the letter of the 11th inst. in relation to the proposed purchase of the land on which the proposed new building of the National Bureau of Education is to be erected. I am glad that you are interested in the proposed purchase, and I am sure that the proposed purchase will be of great benefit to the National Bureau of Education. I am sure that the proposed purchase will be of great benefit to the National Bureau of Education.

The author is indebted to the personnel of the National Archives and Records Administration for their assistance in obtaining the records of the American Revolution. The author is also indebted to the personnel of the National Archives and Records Administration for their assistance in obtaining the records of the American Revolution.

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על פי תוצאות המחקר, יש להקדים את תוכנית ההכשרה לפרקליטים, ולקיים אותה במקביל לתוכנית ההכשרה לרואי חשבון. תוכנית ההכשרה לפרקליטים צריכה להיות מותאמת לתוכנית ההכשרה לרואי חשבון, וצריכה לכלול גם חלקים של חשבון, וכן חלקים של משפטיות. תוכנית ההכשרה לפרקליטים צריכה להיות מותאמת לתוכנית ההכשרה לרואי חשבון, וצריכה לכלול גם חלקים של חשבון, וכן חלקים של משפטיות.

The results were compared with a theoretical prediction, and were found to be in good agreement with the theoretical prediction. The results were also compared with the results of other experiments, and were found to be in good agreement with the results of other experiments.

The Virginia portion of the District, as well as some of the counties, have been laid back to Virginia in 1840. These are a more full and true copy, and I have of the foregoing, as far as I could ascertain, by that which was a year or two ago, and have been made by me, and by two other Surveyors. These, Messrs. Deane and Jackson, in the first year of the war. At the same time of the war, the United States had no geographical map of the District, the only one being a very old one, being the same, as produced by

[illegible]

When a child has a "bad" day and all the "bad" memories, no matter how small, appear, the mother or father who knows that the child is being "driven up" to the point of emotional exhaustion, withdrawal, or rebellion, must attempt to create a more pleasant day for the child, even by the time the child is a toddler. The mother must spend a little more time with the child, and the child will be able to "forget" the "bad" day and the "bad" memories.

[illegible]

As we drive to a hill and descend it, the top of the hill reminds me of White Horse at the head of a river in Scotland, and we are now in the same position as we were at —

The State has not yet established a National Institute of Health, which is a major source of medical research and training. The President has not yet established a National Institute of Health, which is a major source of medical research and training. It is stated that at the present time there are two such institutes. The first is the National Institute of Health, which is a major source of medical research and training. The second is the National Institute of Health, which is a major source of medical research and training. The President has not yet established a National Institute of Health, which is a major source of medical research and training. It is stated that at the present time there are two such institutes. The first is the National Institute of Health, which is a major source of medical research and training. The second is the National Institute of Health, which is a major source of medical research and training.

It is an important factor,¹⁶ and we all agree that it is very hard to pin down. However, as our 7th grade social studies teacher

[illegible]

and the Institute of Development Studies of the University of Cambridge. Furthermore, we have had the opportunity to visit the Institute of Development Studies, Cambridge, at the University of Cambridge. It is a pleasure to acknowledge the support of the Institute of Development Studies, Cambridge, at the University of Cambridge.

modern to use as a model for a person and for a group most in
propose. The school has been identified by a study, and in
1904 the report of the school of the center of the District was
not possible. It is not a survey.

The Court also considered the fact that I did not attempt to
 follow the correct procedure at the time, and I regret it.
 The fact that I was a long time of the of my own and corrected it
 the best I could in my present position is to make it a better
 record.

double the number of people who are in the

$$E = E_{\text{kin}} + E_{\text{pot}} = \frac{1}{2}mv^2 + \frac{1}{2}kx^2 = \frac{1}{2}m\dot{x}^2 + \frac{1}{2}kx^2$$

It is important to note that the number of low frequency is 12" and in 1963 for the other group is 14" and 1,400 feet higher when the high frequency is 16". This is also a factor that is related to the number of low frequency and high frequency at a street work. This is the reason for the low frequency of the street work.

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45 [T570] 4 57 4 11 10 14 15

[illegible][illegible]

2. 1947 年 11 月 15 日 1947 年 11 月 15 日

15. All other members of the House of Representatives.

$$\frac{d}{dt} \| \mathbf{u} \|_{L^2(\Omega)}^2 \leq C \| \mathbf{u} \|_{L^2(\Omega)}^2 \quad \text{for } \mathbf{u} \in H^1_0(\Omega) \quad \text{and } \mathbf{u} \in L^2(\Omega).$$
[illegible]

17927, Elbowed antler. Length 10.5 in. of horn system 1.5 in. to base of antler. The antler is the shape of a large inverted Y. The antler is 1.5 in. long at the base of the antler. The antler is 1.5 in. long at the base of the antler. The antler is 1.5 in. long at the base of the antler.

[illegible]

1982年 1月 1日

7. The following table shows the number of people who visited the museum in each month from January to December. The number of people who visited the museum in each month is given in the table below.

179. 9, Reid 1. The first 30 years of Washington in the late 18th century were a time of rapid growth. The city of Washington, founded in 1790, was a small town of about 100 people. By 1800, the population had grown to over 10,000. This growth was due to a number of factors, including the city's location on the Potomac River, its status as the capital of the new nation, and its role as a center of government and commerce.

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[illegible][illegible]

1793* Eldest known French wife of a prominent Anglo
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1793) Bant, 147. Volume of her collection of 1500 birds, some from the
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Gender	Best way to run the country (%)	Not the best way to run the country (%)
Men	60	40
Women	40	60

(1997) $\alpha = 0.05$ (two-tailed). We found that the 2000 and 2001 data were not significantly different from the 1997 data.

1794 Gotha, Amstern, Althaus, etc. in W. Germany. This may be
the same as the one in the collection of the British Museum.

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For the purpose of this study, the following hypotheses were formulated:

1795 Red. Wayland and Smith. Men of Washington. Printed
in New Haven, 1894, 41 pp.

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Journal of the American Medical Association

1915. *W. H. ...*

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1916. *I. ...*

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1882 } U. S. Coast and Geodetic Survey. A new and complete set of the
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1882 } U. S. Coast and Geodetic Survey.

1882 } U. S. Coast and Geodetic Survey.

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1882. Boyd, William L. *Handbook of the city of Washington and suburbs*. [Survey of the District, 1882. Prepared by Wm. L. Boyd.] Washington: Washington, at U. S. Copyright, 1882.

Notes.—1. 16 pages. Maps, charts, &c. and index of subjects.
2. Map of District, topographical and physical, by C. S. New York.

1884. Commissioners District of Columbia. *Topographical map of the District of Columbia, and a portion of Virginia, compiled for the use of the Mayor of Washington, George C. Sigsbee, and for the use of the U. S. Army and Navy, by the U. S. Army and Navy, by W. T. L. L.*

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4. Map of District, topographical and physical, by C. S. New York.

1884. Stewart, Arthur M. *Map of the city of Washington and suburbs*. [Survey of the District, showing the limits of the city and suburbs of the District, and the limits of the city and suburbs of the District, by Arthur M. Stewart.] Washington: Washington, at U. S. Copyright, 1884.

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1886. U. S. Geological Survey. *Geological map of the city of Washington and suburbs*. [Survey of the District, showing the limits of the city and suburbs of the District, and the limits of the city and suburbs of the District, by the U. S. Geological Survey.] Washington: Washington, at U. S. Copyright, 1886.

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Scale, 1 inch = 1 mile. Printed by the Engineer Department, District of Columbia, 1887. Price, 10 cents. Published by the Engineer Department, District of Columbia, 1887.

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